



Re: Follow-up on formaldehyde - allergy - asthma study

三宅 吉博

to:

Glinda Cooper

03/15/2012 09:18 PM

Hide Details

From: 三宅 吉博 <miyake-y@fukuoka-u.ac.jp>

To: Glinda Cooper/DC/USEPA/US@EPA

History: This message has been replied to.

Dear Dr. Cooper:

Thank you for your e-mail.

In that study, quartile points were not used.

Formaldehyde concentrations were categorized into 4 groups using cut-off points at the 30th, 60th, 90th percentile values.

47 ppb was a cut-off point at the 90th percentile, which was nearly the median of the highest quartile.

In the Kyushu Okinawa Maternal and Child Study, we did not collect data on formaldehyde.

Yours sincerely,  
Yoshihiro Miyake

From: Glinda Cooper

Sent: Friday, March 16, 2012 4:41 AM

To: miyake-y@fukuoka-u.ac.jp

Subject: Follow-up on formaldehyde - allergy - asthma study

Dear Dr. Miyake:

I am an epidemiologist with the U.S. Environmental Protection Agency, and I am preparing a summary of the relevant studies pertaining to formaldehyde exposure and asthma as part of a health assessment we are

conducting for this chemical.

I have reviewed your 2008 paper in *Annals of Epidemiology* ("Ambient formaldehyde levels and allergic disorders among Japanese pregnant women: baseline data from the Osaka maternal and child health study") (see attached pdf), and was wondering if you could provide me with the median formaldehyde level for the highest quartile of exposure (the 47 – 131 ppb group)? That information would be useful in my comparison of these results to other papers.

Also, does the more recent study in Okinawa (The Kyushu Okinawa Maternal and Child Health Study) also include formaldehyde exposure measures? If so, can you tell me if this is in the process of being analyzed?

I appreciate any assistance you can provide about these questions (but I certainly understand the difficulties in going back to data sets completed so many years ago).

(See attached file: *Matsunaga\_AnnEpidemiol\_2008.pdf*)

Sincerely,

Glinda Cooper

Glinda S. Cooper, PhD  
Senior Epidemiologist

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